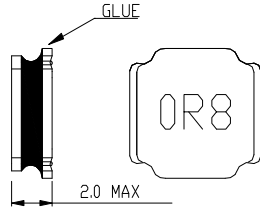
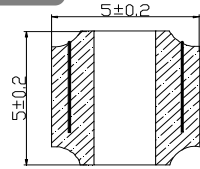


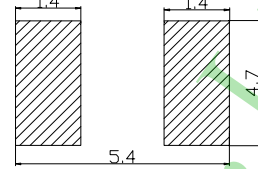
Inductance Range: 0.47μH~22μH
Temperature Range: -40℃~+125℃

PNR5020-Series

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION Shield



FEATURES:

- ★Quantity / Reel: 2500pcs
- ★Small products, Quadrate 5.0mm Max, Height 2.0mm Max.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/
PDA/MP3 & MP4 player/Digital camera/DVD etc.
- ★Design to customer requirement

RoHS Compliant(SGS Certified Result)

Pb	Cd	Cr+6	PBBs	PBDEs
<1000ppm	ND	ND	ND	ND



Electrical Characteristics:

Part Number	Test Condition	Inductance (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PNR5020-R47M	100KHz/0.3V	0.47	±30	13m	6.15
PNR5020-R75M	100KHz/0.3V	0.75	±30	17m	5.50
PNR5020-1R0M	100KHz/0.3V	1.0	±30	20m	4.10
PNR5020-1R2M	100KHz/0.3V	1.2	±30	22m	4.50
PNR5020-1R5M	100KHz/0.3V	1.5	±30	26m	4.10
PNR5020-2R2M	100KHz/0.3V	2.2	±30	32m	3.20
PNR5020-2R7M	100KHz/0.3V	2.7	±30	38m	2.90
PNR5020-3R0M	100KHz/0.3V	3.0	±30	38m	2.55
PNR5020-3R3M	100KHz/0.3V	3.3	±30	43m	2.55
PNR5020-3R6M	100KHz/0.3V	3.6	±30	43m	2.80
PNR5020-3R9M	100KHz/0.3V	3.9	±30	43m	2.30
PNR5020-4R3M	100KHz/0.3V	4.3	±20	57m	2.50
PNR5020-4R7M	100KHz/0.3V	4.7	±20	57m	2.50
PNR5020-5R1M	100KHz/0.3V	5.1	±20	64m	2.25
PNR5020-5R6M	100KHz/0.3V	5.6	±20	64m	2.30
PNR5020-6R8M	100KHz/0.3V	6.8	±20	83m	2.05
PNR5020-7R5M	100KHz/0.3V	7.5	±20	90m	1.85
PNR5020-8R2M	100KHz/0.3V	8.2	±20	98m	1.85
PNR5020-9R1M	100KHz/0.3V	9.1	±20	430m	1.70
PNR5020-10K,M	1KHz/0.3V	10	±20	110m	1.70
PNR5020-120K,M	1KHz/0.3V	12	±20	110m	1.50
PNR5020-150K,M	1KHz/0.3V	15	±20	165m	1.35
PNR5020-180K,M	1KHz/0.3V	18	±20	200m	1.25
PNR5020-220K,M	1KHz/0.3V	22	±20	226m	1.15

- 1、 Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、 D.C .R is measured with a Digital Multimeter TH2512B or equivalent.
- 3、 The Isat is the current at which the inductance decreases by 30% from the initial value
- 4、 The Irms by Stand-Type is the current at which the temperature rise is ΔT≤40℃, whichever (Ta=20℃)